

Tiger Neo N-type

60HL4-B

450-470 Watt

MONO-FACIAL MODULE

N-Type

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems

Made in China/ U.S/Malaysia/Vietnam



Key Features



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.

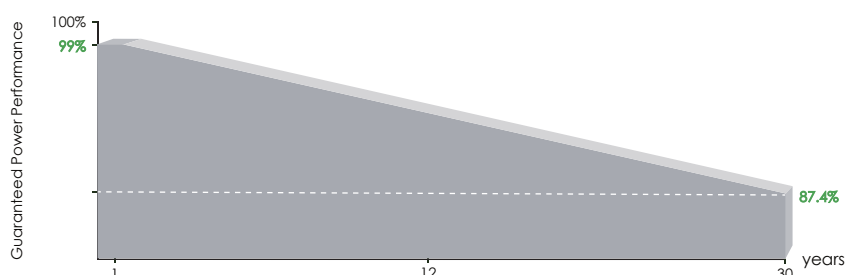


Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



LINEAR PERFORMANCE WARRANTY



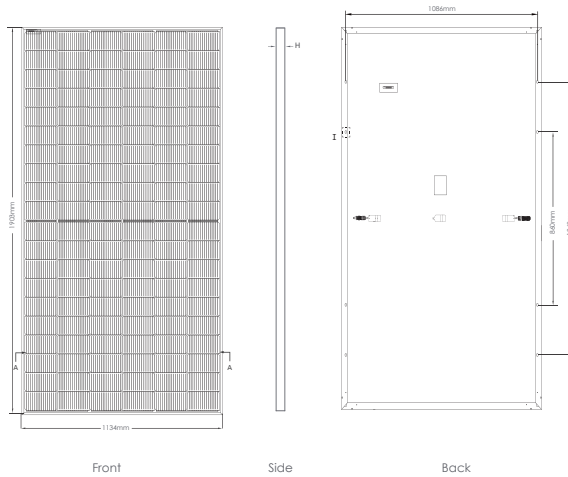
25 Year Product Warranty*

30 Year Linear Power Warranty

0.40% Annual Degradation Over 30 years

The product warranty is only applicable in Australia.

Engineering Drawings

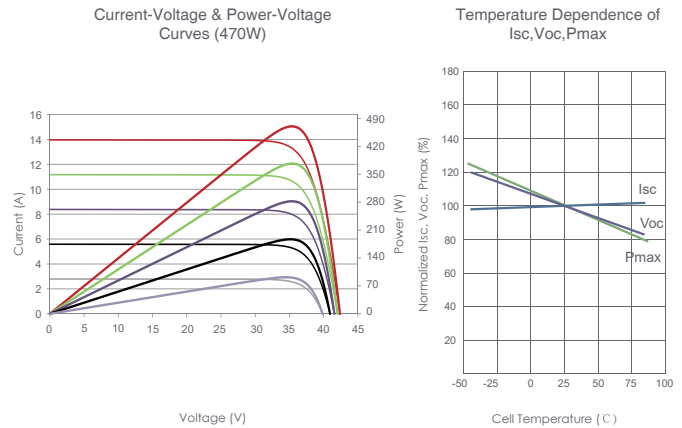


Packaging Configuration

(Two pallets = One stack)

36pcs/pallets, 72pcs/stack, 864pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	120 (2×60)
Dimensions	1903×1134×30mm (74.92×44.65×1.18 inch)
Weight	24.2 kg (53.35 lbs)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 400mm, (-): 200mm or Customized Length
Connector	Staubli MC4, MC4-EVO2 ; JK03M/2B, JK03M2/2B, Jinko PV material
Fire Rating	Class C

SPECIFICATIONS

Module Type	JKM450N-60HL4-B		JKM455N-60HL4-B		JKM460N-60HL4-B		JKM465N-60HL4-B		JKM470N-60HL4-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	450Wp	338Wp	455Wp	342Wp	460Wp	346Wp	465Wp	350Wp	470Wp	353Wp
Maximum Power Voltage (Vmp)	34.94V	32.63V	35.11V	32.77V	35.28V	32.88V	35.45V	32.99V	35.61V	33.12V
Maximum Power Current (Imp)	12.88A	10.37A	12.96A	10.44A	13.04A	10.52A	13.12A	10.60A	13.20A	10.67A
Open-circuit Voltage (Voc)	41.71V	39.62V	41.88V	39.78V	42.05V	39.94V	42.21V	40.09V	42.38V	40.25V
Short-circuit Current (Isc)	13.64A	11.01A	13.72A	11.08A	13.80A	11.14A	13.88A	11.21A	13.96A	11.27A
Module Efficiency STC (%)	20.85%		21.08%		21.32%		21.55%		21.78%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000VDC (IEC)									
Maximum series fuse rating	25A									
Power tolerance	0~+3%									
Temperature coefficients of Pmax	-0.30%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.046%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

*Power Measurement Tolerance: +/-3%